



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	20020802-004B
First Named Inventor	TAKEDA, Hiroshi
COMPLETE IF KNOWN	
Application Number	10/740,076
Filing Date	December 18, 2003
Art Unit	
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CATALYST FOR THE CONVERSION OF CARBON MONOXIDE

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) 12/18/2003 as United States Application Number or PCT International

Application Number 10/740,076 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? Yes	Certified Copy Attached? No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/01 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number: 034160 OR Correspondence address below

Name _____

Address _____

City _____	State _____	ZIP _____
------------	-------------	-----------

Country _____	Telephone _____	Fax _____
---------------	-----------------	-----------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) <i>Hiroshi</i>	Family Name or Surname <i>TAKEDA</i>
---	--

Inventor's Signature <i>Hiroshi Takeda</i>	Date <i>April 17, 2004</i>
--	-------------------------------

Residence: City Toyama	State _____	Country Japan	Citizenship Japan
---------------------------	-------------	------------------	----------------------

Mailing Address
Rural Hayahoshi Apartment # 202, 737-2 Hayahoshi, Fuchu-machi, Niigata

City Toyama	State _____	ZIP 839-2706	Country Japan
----------------	-------------	-----------------	------------------

NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) <i>Troy L.</i>	Family Name or Surname <i>WALSH</i>
---	---

Inventor's Signature <i>Troy L. Walsh</i>	Date <i>April 17, 2004</i>
---	-------------------------------

Residence: City Louisville	State Kentucky	Country USA	Citizenship USA
-------------------------------	-------------------	----------------	--------------------

Mailing Address
4216 Buxton Drive

City Louisville	State Kentucky	ZIP 40216	Country USA
--------------------	-------------------	--------------	----------------

Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.



PTO/SB/02A (08-03)

Approved for use through 08/31/2003, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

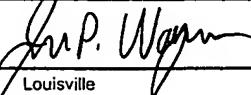
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Jon P.		Wagner	
Inventor's Signature 		Date April 7, 2004	
Residence: City Louisville	Kentucky State	USA Country	USA Citizenship
Mailing Address 9906 Wyncliff Court			
Mailing Address			
Louisville City		Kentucky State	40241 Zip
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City		State	Zip
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City		State	Zip

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT OF INVENTION
AND OF LETTERS PATENT

Whereas, we, the **Inventors**, Hiroshi Takeda, whose post office address is Rural Hayahoshi Apartment # 202, 737-2 Hayahoshi, Fuchu-machi, Nei-gun, Toyama 939-2706, Japan and Troy L. Walsh, whose post office address is 4216 Buxton Drive, Louisville, KY 40218, and Jon P. Wagner, whose post office address is 9906 Wyncliff Court, Louisville, Kentucky 40241, have invented certain improvements in **CATALYST FOR THE CONVERSION OF CARBON MONOXIDE** ("Invention"), and have executed a utility application for United States Letters Patent of the same title filed herewith "Application"); and

Whereas, **Assignee**, Sud-Chemie Inc., of Louisville, Kentucky, a(n) Delaware corporation whose post office address is 1600 West Hill Street, Louisville, Kentucky 40210 (including its successors and assigns), desires to acquire our entire right, title and interest in said **Application and Invention**, and any United States and foreign patents to be obtained therefor;

Now therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto said **Assignee**, the entire right, title and interest in said **Application** and the **Invention** disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all patent applications, patents, continuations, continuations-in-part, divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country. We also agree that **Assignee**, may apply for foreign Letters Patent on the **Invention**, and we agree to cooperate with **Assignee**, and to execute without additional consideration any additional documents as

deemed necessary by Assignee, to apply for or maintain patents or other legal protection for the Invention in any country of the world.

We hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in this Application to said Assignee.

Hiroshi Takeda
Hiroshi Takeda

Executed this 19 day of December, 2003 at Louisville, Ky

STATE OF Kentucky)
COUNTY OF Jefferson) SS
)

Before me personally appeared Hiroshi Takeda, and acknowledged the foregoing instrument to be his free act and deed this 19 day of December, 2003.

My Commission expires: July 12, 2006

Elizabeth Johnson
Notary Public

Troy Walsh
Troy Walsh

Executed this 19 day of December, 2003 at Louisville, Ky

STATE OF Kentucky)
COUNTY OF Jefferson) SS:
)

Before me personally appeared Troy Walsh, and acknowledged the foregoing instrument to be his free act and deed this 19 day of December, 2003.

My Commission expires:

July 12, 2006
Elizabeth Johnson
Notary Public

(Seal)

Jon P. Wagner

Jon P. Wagner

Executed this 19 day of December, 2003 at Louisville, Ky

STATE OF Kentucky
COUNTY OF Jefferson

)
)
)

Before me personally appeared Jon P. Wagner, and acknowledged the foregoing instrument to be his free act and deed this 19 day of December, 2003.

My Commission expires July 12, 2006

(Seal)

Elizabeth Johnson
Notary Public



PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Hiroshi Takeda; Troy Walsh; Jon Wagner

Application No./Patent No.: 10/740,076 Filed/Issue Date: December 18, 2003

Entitled: CATALYST FOR THE CONVERSION OF CARBON MONOXIDE

Sud-Chemie Inc., a Delaware Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Apr 6, 2004

Date

502-634-7373

Telephone number

Joan L. Simunic

Typed or printed name

Signature

Officer/General Counsel Sud-Chemie Inc.

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.